FILIPPOVA, N.A.; KOROSTELEVA, V.A.

Solution of lead minerals in organic acids. Zav. lab. 27 no. 4:381-386 '61. (MIRA 14:4)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh metallov.

(Lead) (Acids, Organic)

FILIPPOVA, N.A.; KOROSTELEVA, V.A.; CHZHU YUE-IN

More precise methods of phase analysis for lead compounds, ores, and enrichment products. Zav.lab. 27 no.11:1346-1352 '61. (MIRA 14:10)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh metallov.
(Lead compounds) (Ores)

FILIPPOVA, N.A.; DOBROTSVETOV, B.L.; KOROSTELEVA, V.A.

Establishing the form of binding of thallium in the ores of a pyritic deposit. Sbor. nauch. trud. [redacted]vetmeta no.19: 785-794 '62. (MIRA 16:7)

(Thallium—Analysis)
(Pyrites—Analysis)
(Chemical bonds)

FILIPPOVA, N.A.; KOROSTELEVA, V.A.

Phase analysis of ferromolybdenum production dusts for bismuth compounds. Zav. lab. 30 no.5:518-522 '64. (MIRA 17:5)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh metallov.

FILIPPOVA, M.A.; KOROSTELEVA, V.A.

Trilonometric determination of tin. Sbor. nauch. trud. Gintsvetmeta no.23:352-355 '65. (MIRA 18:12)

FILIPPOVA, N.A.; KOROSTELEVA, V.A.; SAVINA, Ye.V.; GUSEL'NIKOVA, N.Yu.

Analyzing the products of the disproportioning of tin protoxide. Sbor. nauch. trud. Gintsvetmeta no.23:375-382 '65. (MIRA 18:12)

KOROSTELEVA, V. S.

"Antigenic Properties of Human Cancer Tissue in Relation to Its Treatment With Formalin and Glycerin." Cand Med Sci, Acad Med Sci USSR, Moscow, 1954. (KL, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

KOSYAKOV, P.N.; KOROSTELEVA, V.S.; KUZMETSOVA, N.I.

Method of producing immune serum specific to human cancer.
Biul.eksp.biol. i med. 40 no.9:63-65 S '55 (MLRA 8:12)

1. Iz Instituta eksperimental'noy biologii (dir.-prof. I.N. Mayskiy) AMN SSSR i Instituta virusologii imeni D.I.Ivanovskogo (dir.-prof. P.N.Kosyakov) AMN SSSR.
(IMMUNE SERUM,
anticancer serum)
(NEOPLASMS, immunology,
anticancer serum)

KOROSTELEVA, V. S.

/ Investigation of the chemical nature of the [illegible] 3

[illegible]
acid, glutamic acid, ser[illegible]

USSR/General Problems of Pathology. Tumors U-4

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 66006

Author : ~~Korostaleva, V.S.,~~ Kosyakov P. N.
Inst : -
Title : Is There a Single Antigen Which is Specific for all Cancerous Tumors in Man?

Orig Pub : Byul. eksperim. biol. i meditsiny, 1957, 43, No 4, 83-87

Abstract : A study was made of the antigenic properties of 3 cancers of man which were similar histologically: liver metastases from cancer of the appendix, liver metastases from cancer of the gallbladder and primary hepatic carcinoma. Rabbits were immunized with the appropriate tumor and the immune sera (S) were tested in RCF with saline extracts of tumor and normal tissues (liver and spleen). S of rabbits that had been immunized with normal liver and spleen were used as a control. After the immune antitumor S had been absorbed by normal splenic tissue the S lost its ability to react in RCF with antigens of normal organs but continued to react with the

Card : 1/2

KOSYAKOV, P.N.*; KOROSTELEVA, V.S.

Cancers with similar and different specific antigens. Biul. eksp. biol. med. 47 no.2:93-98 F '59. (MIRA 12:4)

1. Iz Instituta virusologii imeni D.I. Ivanovskogo (Dir. - prof. P.N. Kosyakov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.
(NEOPLASMS, immunol.
antigenic similarities & dissimilarities in human cancers (Rus))

KOROSTELEVA, V.S.; KONSTANTINOVA, T.P.

Problem of the antigenic properties of normal spleen. Biul. eksp. biol. i med. 50 no.9:101-104 S '60. (MIRA 13:11)

1. Iz Instituta virusologii imeni D.I.Ivanovskogo (dir. - prof. P.N.Kosyakov) AMN SSSR, Moskva.
(SPLEEN)

KOROSTELEVA, V.S.; KOSYAKOV, P.N.

Sensitivity of the specific antigen of human cancer cells to high temperature. Biul. eksp. biol. i med. no.2:87-92 F '61.
(MIRA 14:5)

1. Iz Instituta virusologii imeni D.I.Ivanovskogo (dir. - prof. P.N.Kosyakov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.N.Zhukovym-Verezhnikovym.
(CANCER) (HEAT--PHYSIOLOGICAL EFFECT)

KOROSTELEVA, V.S.; KOSYAKOV, P.N.

Antigenic variability of tissues in normal conditions and in leukemias. Biul. eksp. biol. i med. 53 no 4:92-95 Ap '62. (MIRA 15:4)

1. Iz Instituta virusologii imeni D.I.Ivanovskogo (dir. - prof. P.N. Kosyakov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR G.V.Vygodchikovym.
(LEUKEMIA) (ANTIGENS AND ANTIBODIES)

KOROSTELEVA, V.S.

Specific antigen of human sarcomatous tumors. Biul. eksp. biol. i med. 52 no.7:84-89 Jl '61. (MIRA 15:3)

1. Iz Instituta virusologii imeni D.I. Ivanovskogo (direktor - prof. P.N. Kosyakov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.
(TUMORS)
(ANTIGENS AND ANTIBODIES)

KOSYAKOV, P.N.; KOROSTELEVA, V.S.

Comparative study of the antigenic properties of human carcinomatous, sarcomatous and leukemic tissues. Biul. eksp. biol. i med. 52 no.11:95-98 N '61. (MIRA 15:3)

1. Iz Instituta virusologii imeni D.I. Ivanovskogo (dir. - prof. P.N. Kosyakov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.M. Zhdanovym.

(CANCER) (LEUKEMIA)
(ANTIGENS AND ANTIBODIES)

KOSYAKOV, P.N.; KOROSTELEVA, V.S.

Chemical nature of antigens determining the specificity of cancerous tumors in man. Vop. onk. 11 no.10:58-63 '65.

(MIRA 18:10)

1. Iz laboratorii immunologii (zav. - chlen-korrespondent AMN SSSR prof. P.N.Kosyakov) Instituta virusologii imeni D.I.Ivanovskogo AMN SSSR (direktor - deystvitel'nyy chlen AMN SSSR prof. V.M.Zhdanov).

ZLOBIN, A.; KOROSTELEVA, Ye., redaktor; YAKOVLEVA, Ye., tekhnicheskiy redaktor

[Inventor of automatic machinery] Tvorets avtomatov. [Moskva] Moskovskii rabochii, 1951. 34 p. [Microfilm] (MLRA 7:10)
(Savvin, IAkov Ivanovich)
(Machinery, Automatic)

KOROLEVA, Yekaterina Mikhaylovna; ROZENBLIT, Ya.P., inzhener, retsenzent; SIROTIN, M.A., inzhener, redaktor; BOGOLYUBOVA, I.Yu., redaktor izdatel'stva [deceased]; UVAROVA, A.P., tekhnicheskiy redaktor

[Economics, organization and design of machine shops] Ekonomika, organizatsiia i proektirovanie mekhanicheskikh tsekhov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1957. 195 p. (MLRA 10:10)
(Machine shops)

KOROSTELEVA, Z., entomolog

Treatment of seeds with heptachlor. Zashch. rast. ot vred. i bol. 10 no.12:31-32 '65. (MIRA 19:1)

1. Tambovskiy entomofitopatologicheskiy uchastok.

NOZDRINA, T.M.; ISMAILOV, M.G.; TIMCHENKO, V.I., aspirant; ABBASOV, Ya.M., aspirant; KOROSTELEVA, Z.G., entomolog; AGARKOV, V.A., kand.sel'skokhoz.nauk

Brief reports. Zashch. rast. ot vred. i bol. 7 no.2:53-54 F '62. (MIRA 15:12)

1. Agronom po zashchite rasteniy Khar'kovskogo rayona (for Nozdrina). 2. Azerbaydzhanskiy institut zashchity rasteniy, Kirovabad (for Ismailov). 3. Ukrainskiy institut ovoshchevodstva i kartofelya, Khar'kov (for Timchenko). 4. Azerbaydzhanskiy institut khlopkovodstva, Kirovabad, (for Abbasov). 5. Tambovskiy entomofitouchastok, Sovkhoz "Komsomolets" (for Koroteleva). 6. Kamenets-Podol'skiy sel'skokhozyaystvennyy institut, Khmel'nitskaya obl. (for Agarkov).

(Plants, Protection of)

MOSEYEV, V.F., kand.tekhn.nauk; KOROSTELIN, A.A., inzh.

New method of feeding metalworking lubricants to the deformation zone during drawing. Stal' 22 no.3:280-281 Mr '62. (MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgicheskogo mashinostroyeniya.
(Metalworking lubricants) (Wire drawing)

KOROSTELIN, A. S.

First Russian book on automobiles. Za rul. 14 no.6:24 S '56. (MLRA 10:4)

(Automobiles)

S/133/62/000/003/008/008
A054/A127

AUTHORS: Moseyev, V. F., Candidate of Technical Sciences, Korostelin, A. A., Engineer

TITLE: New method of feeding technological lubricants into the deformation zone in drawing

PERIODICAL: Stal', no. 3, 1962, 280 - 281

TEXT: In the Draw Bench Laboratory of VNIIMETMASh the possibilities of high-pressure lubrication in the deformation zone of the wire were studied. A laboratory-type (5/250) draw bench was used in combination with a continuous-operation stationary drum coiler. The bench was equipped with a special wire holder. The lubricant was a mixture of spindle oil and some 30% kerosene; it was fed through a ГКМ-7/6000 (GKM-7/6000) type high-pressure hydrocompressor, (System L. F. Vereshchagin, capacity: 7 l/hour; working liquid pressure: up to 6,000 kg/cm^2). The drawing force was measured by a special device, in which the wire drawn actuates 3 rolls, two of which are fixed on a lever arm, stationary in respect of the block, while the third, fixed on a guide, moves along the instrument-axis. The opposite end of the guide is pressed to a coil-spring, which,

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under pressure, transmits the force imparted (through various elements) to tensimetric transmitters. The force exerted is indicated by the displacement of the guide. The 1.60 mm thick test wire was made of CT 0 (St.0) steel, having a strength limit of 65 kg/cm^2. The drawing rate could be varied between 0 and 8 m/sec. The tests were carried out at a low drawing rate, while the lubrication pressure was gradually raised from 0 to 4,500 - 5,000 kg/cm^2. An increase in lubrication pressure reduced the drawing force required. With a 12° working cone of the die and a reduction of 25.4% the following values were obtained:

Lubrication pressure, kg/cm^2	0	1350	1950	3200	3800	4800
Drawing force, kg	71	65.5	61.5	60	57.5	57
drawing rate, m/sec	0.33	0.47	0.57	0.72	0.76	0.85

Analogous results were obtained with reductions of 35 and 17.8%. With a lubrication pressure of 4,000 - 5,000 kg/cm^2 the drawing force can thus be reduced by 18 - 20%. If the lubrication pressure were raised still higher (5,100 - 5,200 kg/cm^2) liquid friction could be expected along the entire length of the deformation zone and there would be no contact at all between the wire and the instrument, as the value of the lubrication pressure would then exceed the value of the specific pressure of the metal at the beginning of the deformation zone. However, when lubrication pressures above 5,100 kg/cm^2 were applied, the wire ruptured

KOROSTELIN, A.S.

Comments of a standardization specialist. Standartizatsiia 28 no.3:54 Mr'64. (MIRA 17:5)

KOROSTELIN, A.S., inzh.

Combination rail and mot< vehicles used in foreign railroads. Zhel. dor. transp. 41 no.5:87-89 My '59. (MIRA 12:7)

(Motor vehicles) (Railroads)

KOROSTELIN, Aleksandr Stepanovich, inzh.; TRIPOL'SKIY, L.G., red.; MANINA, M.P., tekhn.red.

[Automobiles with small displacement engines; for general use and sports] Malolitrazhnye avtomobili; obshchego naznacheniia i sportivnye. Moskva, Gos.izd-vo "Fizkul'tura i sport," 1960. 82 p. (MIRA 13:6)

(Automobiles)

KOROSTELIN, Aleksandr Stepanovich; SHAVERDOVA, A.I., red.; SHAVERDOVA, A.I., ed.; MANINA, M.P., tekhn. red.

[Racing automobiles] Gonochnye avtomobili. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 144 p. (MIRA 14:11)
(Automobiles, Racing)

KOROSTELIN, I.M.

Cart for painting internal surfaces of cylinders and pipes. Mashinostroitel' no.6:21 Je '61. (MIRA 14:6)
(Painting, Industrial— Equipment and supplies)

KOROSTELIN, V. P., GORYACHEV, Ye. Z., and REVZIN, Ya. A.

"Automatization of Baudot Equipment in the Kuybyshev Telegraph Office," Vest. Svyazi, No.11, pp 3-5, 1953

Translation No. 420, 22 Jun 55

GORYACHEV, Ye.Z., inzhener; IVANOV, Ye.G., inzhener; NIKITINA, A.A., inzhener; PESTRIKOV, V.V., inzhener; YEL'SKIY, I.M., inzhener; KOROSTELIN, V.P., inzhener; KEVZIN, Ya.A., inzhener.

Operation practices of the Kuybyshev automatic telegraph. Vest.sviazi 16 no.2:17-20 F '56. (MLRA 9:7)

1.Nachal'nik Kuybyshevskogo telegrafa (for Goryachev).
(Kuybyshev--Telegraph--Perforating system)

KOROSTELIN, V.P.; KORDIN, Ye.I., inzh.; SADOVNIKOV, V.S., inzh.

Subassembly of single-channel voice-frequency carrier telegraphy apparatus for operation in consumer telegraph networks and straight connection systems without terminal receiver panels. Vest.sviazi 25 no.1:7-9 Ja '65. (MIRA 18:4)

1. Laboratoriya Kuybyshevskogo telegrafa. 2. Nachal'nik laboratoriia Kuybyshevskogo telegrafa (for Korostelin).

GORBACHEV, S.V.; KOROSTELIN, Yu.A.

Kinetics of electrochemical oxidation in the system $Al - I_2 -$ HCl. Zhur. fiz. khim. 39 no.6:1469-1475 Je '65. (MIRA 18:11)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva. Submitted July 15, 1964.

KOROSTELIN, Yu.A.; GORBACHEV, S.V.

Effect of temperature and forced convection on the rate of electro-oxidation in the system KI - I_2 - HCl. Zhur.fiz.khim. 39 no.7:1773-1777 Jl '65. (MIRA 18:8)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva.

KOROSTELOV, A.

Observation point for a gun battery. Voen. znan. 25 no.1:6 Ja '49. (MIRA 12:12)
(Range finding)

KOROSTELOV, G.N.

Trigger currents in type "B" tubes. Izv.vys.ucheb.zav.; radiofiz. 1 no.4:120-125 '58. (MIRA 12:5)

1. Saratovskiy gosudarstvennyy universitet.
(Traveling-wave tubes)

KOROSTELOV, N.B.

Ante. Zdorov'e 4 no.6:28-29 Je '58 (MIRA 11:6)
(ANTS)

KOROSTELOVA, T.A.; PROKOF'YEVA, O.G.

Report on the Second All-Union Congerence on Carcinogens in the Environment, Leningrad, May 26-28, 1958. Vop.onk. 4 no.6:753-755 '58. (MIRA 12:1)

(CARCINOGENS)

BELEVTSEV, G.A.; GAVRILENKO, N.G.; GRINENKO, I.M.; KOROSTIK, P.O.; KOTEL'NIKOV, I.V.; KRASAVTSEV, N.I., kand. tekhn. nauk; MISHCHENKO, N.M.; POPOV, N.N., kand. tekhn. nauk; SEMIK, I.P., kand. tekhn. nauk; TOTSKIY, G.P., kand. tekhn. nauk; SHESTOPALOV, I.I.; Prinimali uchastiye: SOLDATKIN, A.I.; SOLOMKO, V.P.; SOLOMATIN, A.M.; BOLOTSKIY, D.V.; ZAPOROZHETS, N.P.; BESSCHASTNYY, A.Ye.; SHVETS, N.Kh.; LIKHUNIN, S.D.; SHUMSKIY, L.B.; VAS'KOVICH, N.A.; YEROKHINA, A.I.; GELYUKH, B.A.

Desulfuration of pig iron in a fast-revolving and continuous drum. Met. i gornorud. prom. no.4:3-5 Jl-Ag '65.

(MIRA 18:10)

ACC NR: AP6020936 SOURCE CODE: UR/0383/66/000/003/0094/0094
EM/GG/WW/DJ/JD/JG/JT

AUTHOR: Korostik, P. O.

61
53
B

ORG: none

TITLE: Third conference on the use of electromagnetic hydrodynamics in industry

21,1

SOURCE: Metallurgicheskaya i gornorudnaya promyshlennost', no. 3, 1966, 94

TOPIC TAGS: hydrodynamics, electromagnetic hydrodynamics, electromagnetic pump, conference

ABSTRACT: The Third All-Union Conference on the Use of Electrohydrodynamics in Industry, convened by the Donetsk Scientific Research Institute of Ferrous Metallurgy, Academy of Sciences UkrSSR, and the Regional Administration of the NTO, was held 12—16 April 1966. More than 200 representatives of scientific institutions and industrial plants from Moscow, Leningrad, Riga, Tallin, Kiev, Sverdlovsk, Donetsk and other cities of the Soviet Union presented about 100 reports. Particular attention was given to the reports by Professors A. I. Vol'dek, V. I. Klassen and I. L. Pokhva. The conference recognized that applied electromagnetic hydrodynamics is the basis for a number of

 UDC: 621.3.013 : 65.012.63(47)

new promising directions in the development of power engineering, metallurgical, chemical and machine building and other industries. The conference noted the recent, significantly increased volume and scope of scientific and experimental work in the field of electromagnetic hydrodynamics, and the growing number of research institutions engaged in the development of general and special problems in the electromagnetic hydrodynamics, particularly for the needs of production. A number of industrial plants in the Soviet Union have already installed various electromagnetic devices and equipment which are now being tested under industrial conditions. Such equipment at the Yenakiyeva Metallurgical Plant includes a 30-m long electromagnetic pump with a capacity of up to 400 ton cast iron per hour, a 100 t/hr capacity unit for desulfurizing liquid cast iron, a 60 t/hr capacity unit for the purification of liquid metals from nonmetallic inclusions and slag particles, and an apparatus for studying the effect of constant and alternating magnetic fields on the crystallization of ingots weighing up to 100 kg. Electromagnetic pumps for liquid metal are operating at the Nikitovka mercury plant. The Soviet Union has one plant where light alloys are distributed and poured exclusively by means of electromagnetic pumps. One continuous steel casting unit is equipped with an experimental-industrial device which stirs the liquid core of ingots. The conference recommended that the State Committee on Science and Techniques at the Council of Ministers SSSR include the problem of

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ACC NR: AP6020936

the use of electromagnetic hydrodynamics in industry in the most important scientific research work now planned and organize a Scientific Coordination Council on this problem at the Donetsk Scientific Research Institute of Ferrous Metallurgy. [MS]

SUB CODE: 13/ SUBM DATE: none/ ATD PRESS: 5028

Card 3/3

KOROSTIK, P.O.; KOTEL'NIKOV, I.V.; PANEV, G.A.; KRASAVTSEV, N.I.; SOLDATKIN, A.I.; POPOV, N.N.; DUNAYEV, N.Ye.; YAROSHEVSKIY, S.L.

Blast furnace smelting with coke made of a charge having an increased content of gas coal. Met.i gornorud. prom. no.6:7-10 N-D '63. (MIRA 18:1)

KOROSTIN, B. (g.Chkalov)

We learn to overcome the hardships of field life. Voen.znan. 31[i.e.32] no.5: 24 My '56. (MIRA 9:9)

1.Chlen rayonnogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu SSSR.
(Military education)

KOROSTIN, B. (g. Orenburg).

Military history museum at a school. Voen. znan. 34 no.2:24 F '58.
(Orenburg--Military museums) (MIRA 11:3)

ZHELEZNYAKOV, K.; KOROSTIN, G.

Mechanized granaries of precast reinforced concrete with sunken sloping floors and grain drying and cleaning units of the Kazakh Division of the State Institut for Planning Flour and Feed Mills and Grain Elevators. Muk.-elev.prom. 25 no.9: 12-14 S '59. (MIRA 12:12)

1. Kazakhskoye otdeleniye Gosudarstvennogo instituta Promzernoproyekt.

(Granaries)

KOROSTIN, G.N.

Autmatically starting recorder of the seismograph. Trudy Inst.fiz. i geofiz.AN Turk.SSR 5:75-87 '58. (MIRA 13:6)
(Seismometers)

31763
S/119/60/000/008/028/031
D051/D113

3,9300

AUTHOR: Korostin, G.N.

TITLE: Optical-mechanical accelerograph with semishadow recording

SOURCE: Akademiya nauk SSSR, Sovet po seysmologii. Byulleten', no. 8, Moscow, 1960. Voprosy seysmicheskogo rayonirovaniya, 206-211

TEXT: A special apparatus was developed, capable of limiting the record of an earthquake to its effective duration. The apparatus consists of three devices: a control unit, an accelerograph, and a photosensitive ribbon winder. The components and the operation of these devices are described and illustrated. When an earthquake starts, the control unit actuates the projecting lamp of the accelerograph and the releasing electromagnet of the ribbon winder: the ribbon moves and starts recording. Simultaneously an indicating lamp is switched on. When the earthquake ceases, the projecting lamp and electromagnet are disconnected and the ribbon stops. The operating scheme of this unit differs from that of a seismic signaler, in that the luminous flux of the collimator is much more intense and ФС-К 2 (FS-K2),

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S/169/62/000/001/006/083
D228/D302

AUTHOR: Korostin, G. N.

TITLE: A simple signaler of strong earthquakes

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1962, 13, abstract 1A113 (Tr. Fiz.-tekhn. in-ta, AN TurkmSSR, 7, 1961, 92-100)

TEXT: The signaler of strong earthquakes is destined for accomplishing the service of urgent reports. In contrast to other similar devices the signaler dispenses with photocurrent amplification; this ensures the simplicity of its layout. The electrical scheme consists of a type ФС-К2 (FS-K2) photoresistance, a battery with a voltage of 200 v., and a ПР-4 (PR-4) relay connected in series. In the anticipation position the FS-K2 is illuminated by light reflected from the mirror of a working galvanometer. During an earthquake the light spot descends from the FS-K2, the photocurrent diminishes, and the relay armature closes the contacts connected with the callosity and signalling circuit. After a certain

Card 1/2

KOROSTIN, G.N.

Automatic recording of local earthquakes by using general radio time marking. Biul.Sov. po seism. no.15:168-173 '63. (MIRA 17:4)

L 22492-65 EWT(l)/EWA(h) Peb AFWL/SSD/AFETR/ESD(gs)/ESD(t) GW

ACCESSION NR: AP5002434 S/0286/64/000/024/0042/0043

AUTHOR: Korostin, G. N. 12 B

TITLE: A system of simultaneous automatic recording, at several points, of seismic waves of the earth's crust. Class 42, No. 167037

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1964, 42-43

TOPIC TAGS: seismology, earth crust, time signal

ABSTRACT: This Author Certificate presents a system of simultaneous automatic recording, at several points, of seismic waves of the earth's crust, either from explosions or from actual earthquakes. The device incorporates several automatic seismographs controlled by borehole geophone warning instruments. For insuring a single time marking and for reducing the maintenance staff, the device is equipped with pulsing time marks controlled from borehole geophones and connected by radio channels to the automatic seismographs.

ASSOCIATION: none

SUBMITTED: 13Feb61 ENCL: 00

SUB CODE: ES,IE NO REF SOV: 000 OTHER: 000

Card 1/1

KOROSTIN, V.P.; GORYANSKIY, V.Yu.

Find the Lower Cambrian fauna in the Boshchekul' series of the Maikain region (northern Kazakhstan). Izv. AN Kazakh. SSR. Ser. geol. 21 no.4:72-73 Jl-Ag '64. (MIRA 17:11)

1. Tematicheskaya kompleksnaya ekspeditsiya Severo-Zapadnogo geologicheskogo upravleniya, gorod Aktyubinsk.

1. KOROSTINA, A.: RYNDINA, V.

2. USSR (600)

4. Pepsin

7. Determining the activity of alimentary pepsin. Mias. ind. SSSR, 23 no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

ACC NR: AP6002539 SOURCE CODE: UR/0286/65/000/023/0040/0040

INVENTOR: Korostov, A. M.

ORG: none

TITLE: Liquid-gas ejector pump. Class 27, No. 176658

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 40

TOPIC TAGS: ejector pump, pump

ABSTRACT: The proposed pump consists of a mixing chamber and connecting liquid and

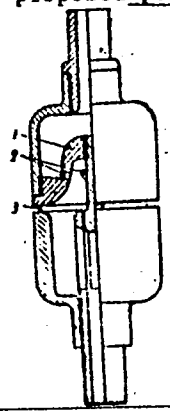

Fig. 1. Ejector pump

1 - Bell-shaped part; 2 - tangential channels;
3 - annular clearance.

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L 39480-66

ACC NR: AP6002539

gas feed lines. To increase the injector's efficiency, a bell-shaped part with tangential liquid-feed channels is mounted inside the mixing chamber (see Figure). [TN]

SUB CODE: 21/ SUBM DATE: 10Jul63/ ATD PRESS: 4170

Card 2/2 MLP

KOROSTOV, A.V.

Spectral analysis of glass, ceramic and raw materials. Stek. i ker. 17 no.12:34-35 D '60. (MIRA 13:11)
(Glass—Spectra)

KOROSTOV, Ye.M.; FEL'DMAN, I.Kh.; SUKHORUCHENKO, M.S.

Adopt the method of hydrolyzate neutralization with ammonia water. Gidroliz. i lesokhim.prom. 16 no.3:23-24 '63. (MIRA 16:5)

1. Vostochno-Sibirskiy sovet narodnogo khozyaystva.
(Hydrolysis)

TOROPOV, A.P.; KOROSTOVA, I.A.

Surface tension of some normal systems. Dokl. AN Uz. SSR no.9:33-35 '59. (MIRA 13:1)

1.Sredneaziatskiy gosuniversitet im. V.I. Lenina. Predstavleno chlenom-korrespondentom AN UzSSR I.P. TSukervanikom.
(Surface tension) (Systems (Chemistry))

KOROSTOVTSEV, M.A.

PA - 2514

AUTHOR KOROSTOVZEV M.A. Dr.hist.
TITLE V.S.Golenishchev. looth Anniversary of His Birthday.
(loo-letie so dnya rechdeniya V.S.Golenishcheva -Russian)
PERIODICAL Vestnik Akademii Nauk SSSR,1957, Vol 27,Nr 2, pp 130-133, (U.S.S.R.)

ABSTRACT V.S.Golenishchev was prominent within the fields of science and culture. Already in his youth (he was born in 1856) he developed a predilection for the antique culture of Egypt, a predilection which later filled his entire life. As a young man he studied the language and the script of the ancient Egyptians. On the 3 March 1874 a German review pulished a report about his first investigations carried out in this field. Already as a student he attracted attention by his brilliance. He was in close touch with his teacher, the famous exper: on Arabic culture and language , V.R.Rosen, under whose supervision and guidance he studied the Arabic language. He had the great talent of being able to distinguish between genuine works of art and imitations. Though he was mainly interested in manuscripts, he also devoted much of his attention to monuments and other works of art. He specialized in the study of Egyptian grammar, particularly syntax, but unfortunately his work has not yet been printed. He also translated some important works of Egyptian literature. These were the treasures which he presented to science (Museum of the Eremitage, papyrus Nr 1115, Adventure on the Enchanted Isle). He was devoted to science with all his heart, and his devotion and loyality to friends were well known. Also outside Russia Golenishchev's Work was known and appreciated, and he was held in high esteem in Egypt. He was for many

Card 1/2

years professor of Cairo University, and he founded the National Society of Egyptoligists.
The looth anniversary of Golenishchev's birthday was celebrated on the 7 and 8 December 1956 meeting of scientists. In the course of the opening speech it was pointed out that Golenishchev was not only one of Russia's greatest egyptologists, but also that he organized the teaching of egyptology at Cairo University, a fact which contributed towards consolidating the friendship between the two countries. After several Russian scientists had spoken about Golenishchev's excellent qualities, B.B.Piotrowsky, Dr.hist., read a letter written in the name of all participants and addressed to Egyptian scientists, in which he assured them of the solidarity and the friendship of Russian scientists and expressed the hope that Egypt's just cause will win. The paper ends by saying that unfortunately no foreign guests were able to be present because of Anglo-French aggression against Egypt.

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KOROSTOVTSEV, M.A.

"Afghanistan, Iran, Turkey" by M.P. Pobedina, V.V. TSybul'skii. Reviewed by M.A. Korostovtsev. Geog. v shkole 25 no.6:89 N-D '62. (MIRA 15:12)

(Near East—Geography, Economic)
(Pobedina, M.P.) (TSybul'skii, V.V.)

KOROSTOVTSEV, S.B., kand.med.nauk

Problem of hyperacidity of gastric contents in chronic gastritis and peptic ulcer. Terap. arkh. 30 no.10:19-24 O '58 (MIRA 11:11)

1. Iz kafedry terapii dlya usovershenstvovaniya vrachey (nach. -prof. P.I. Shilov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

(PEPTIC ULCER, physiology,
gastric acidity (Rus))
(GASTRITIS, physiology
same (Rus))
(GASTRIC JUICE,
acidity in gastritis & peptic ulcer (Rus))

KOROSTOVTSEV, S.B., kand.med.nauk, mayor meditsinskoy sluzhby

Changes in the type of motor activity of the stomach in patients with chronic gastritis and peptic ulcer. Voen.-med.zhur. no.8:71-74 Ag '59. (MIRA 12:12)

(GASTRITIS, physiology)
(PEPTIC ULCER, physiology)

SHILOV, P.I., prof.; KOROSTOVTSEV, S.B., kand.med.nauk; KULAKOV, V.I.

Advantages of gastrography and gastroscopy as compared with roentgenological examination in the diagnosis of functional and organic gastric changes in certain diseases of the stomach. Terap.arkh. 31 no.12:3-9 D '59. (MIRA 13:4)

1. Iz kafedry terapii dlya usovershenstvovaniya vrachey (nachal'nik - prof. P.I. Shilov) Voyenno-meditsinskiy ordena Lenina akademii imeni S.M. Kirova.
(STOMACH dis.)

KOROSTOVTSEV, S.B., kand.med.nauk (Leningrad)

Clinical analysis of indications of the enzyme-forming function of the stomach in patients with chronic gastritis and peptic ulcer. Klin. med. 37 no.10:69-73 O '59. (MIRA 13:2)

1. Iz kafedry terapii dlya usovershenstvovaniya vrachey No.1 (nachal'nik - prof. P.I. Shilov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(GASTRITIS physiol.)
(PEPTIC ULCER physiol.)

KOROSTOVTSEV, S.B., mayor meditsinskoy sluzhby, kand.med.nauk; ONIKIYENKO, B.A., kapitan meditsinskoy sluzhby; KHOKHLOV, L.I., mayor meditsinskoy sluzhby.

Determination of maximum pulmonary ventilation is one of the methods for studying the reactivity of dried living vaccine for aerogenic immunization. Voen.-med. zhur. no.3:70-71 Mr '60. (MIRA 14:1)
(RESPIRATION) (VACCINATION)

KOROSTOVTSEV, S.B., kand.med.nauk, mayor med.sluzhby; MEDVEDEV, V.V., kand.med.nauk, podpolkovnik med. sluzhby.

Tolerance to physical stress. Voen.-med. zhur. no. 2:59-63 F '61. (MIRA 14:2)

(STRESS (PHYSIOLOGY)) (FATIGUE)

KOROSTOVTSEV, S.B., kand.med.nauk

C-reactive protein in chronic gastritis. Kaz.med.zhur. no.3:16-17 My-Je '62. (MIRA 15:9)

1. Kafedra terapii dlya usovershenstvovaniya vrachey No.1 (nachal'nik - prof. P.I.Shilov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.

(STOMACH--INFLAMMATION) (PROTEINS)

KOROSTOVTSEV, S.B.

Nomogram for quantitative determination of hydrochloric acid in the gastric juice in milligrams. Lab. delo 8 [i.e.9] no.1: 30-33 Ja '63. (MIRA 16:5)

1. Kafedra terapii dlya usovershenstvovaniya vrachey No.1 (nachalnik - prof. P.I.Shilov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(GASTRIC JUICE) (HYDROCHLORIC ACID)

POMOSOV, D.V., kand.med.nauk; KOROSTOVTSEV, S.B., kand.med.nauk

Motor function of a segment of the large intestine used for stomach replacement. Kaz.med. zhur. no.3:21-23 My-Je '63. (MIRA 16:9)

1. Kafedra obshchey khirurgii (nachal'nik - prof. V.I.Popov) i terapii dlya usovershenstvovaniya vrachey no.1.(nachal'nik prof. P.I. Shilov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.

(ALIMENTARY CANAL--SURGERY) (SURGERY,PLASTIC)
(GASTROINTESTINAL MOTILITY)

KOROSTOVTSEV, S.B.; FISHZON-RYSS, Yu.I.; BALAKHINA, M.R.;
VO VAN-VIN; ZHDAN, P.P.; KULTYSHEVA, Z.F.; Litvinenko, G.V.

Comparative characteristics of stomach exploration without catheter by means of ion-exchange resins saturated with azure and by Sahli's test. Lab. delo no. 8:470-474 '64.
(MIRA 17:12)

1. Kafedra terapii dlya usovershenstvovaniya vrachey No. 1 (nachal'nik - prof. P.I.Shilov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova i Okruzhnoy gospital' (nachal'nik A.M.Andryushchenko), Leningrad.

KOROSTOVTSEV, S.B.

Diagnostic significance of the indices of the hourly secretion rate of free hydrochloric acid in various forms of chronic gastritis and peptic ulcer. Sov. med. 28 no.7:17-22 Jl '64. (MIRA 18:8)

1. Kafedra terapii dlya usovershenstvovaniya vrachey No.1 (nachal'nik prof. P.I.Shilov) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova, Leningrad.

[redacted], N. V.

"Restoration of Plasma Proteins in Experiments With 'Salt' Preps". Cand Med Sci, Leningrad Sanitary Hygiene Medical Inst, Leningrad, 1953. Dissertation (Referativnyy Zhurnal--Khimiya Moscow, No 9, Jan 54)

SO: Sum 186, 19 Aug 1954

KOROSTOVTSEVA, N. V.

EXCERPTA MEDICA Sec.2 Vol.10/2 Physiology,etc Feb57

755. KOROSTOVTSEVA N. V. Dept.of Pathol. Physiol., Sanit. Hyg. Med. Inst., Leningrad. *Method for obtaining 'salt' frogs FIZIOL. Ž. 1956, 42/7 (609-611) (Russian text)

A method is described for perfusion of the blood vessels in frogs and replacement of blood by Ringer solution, which takes on the average about 40-50 min. Most of the frogs are quite active after this procedure and survive for 2 or 3 days (longest survival: 6 days). The survival duration is shortened in starved frogs.

Simonson - Minneapolis, Minn.

KOROSTOVTSEVA, N. V.

"Hypothermia and Ganglion-Blocking Agents in Preventing Sequelae of Temporary Circulatory Stoppage in Experiments," by I. R. Petrov, Corresponding Member of the Academy of Medical Sciences USSR; T. N. Astakhova, Candidate of Medical Sciences; and N. V. Korostovtseva, Candidate of Medical Sciences; Laboratory of Experimental Pathology (head, Prof I. R. Petrov), Leningrad Institute of Blood Transfusion, Vestnik Khirurgii, Vol 77, No 10, Oct 56, pp 16-26

Thirty-three experiments were performed in which the hearts of dogs were excluded from the circulatory system for 17-24 minutes.

Satisfactory results were obtained by the application of hypothermia to the whole body, the use of hexonium, dimedrol, atropine, papaverine, potassium chloride, chest cavity irrigation with novocain, glucose in combination with vitamins B_1 and C, heart massage, and a sequence of clamping and declamping of the heart.

Glucose and vitamins administered before and during hypothermia proved most effective. The authors think that the puppies are not as sensitive to oxygen deprivation as older dogs are, and therefore heart "exclusion" is tolerated better by the puppies. (U)

Sum. 1360

KOROSTOVTSEVA, N. V.

ASTAKHOVA, T.N.; KOROSTOVTSEVA, N.V.

Oxygen apparatus for artificial respiration. Fiziol.zhur. 43 no.8: 806-808 Ag '57. (MLRA 10:9)

1. Laboratoriya eksperimental'noy patologii Instituta perelivaniya krovi, Leningrad
(RESPIRATORS,
oxygen artif. resp. (Rus))

BONDINA, V.A., starshiy nauchnyy sotrudnik; IL'INSKAYA, I.V., starshiy nauchnyy sotrudnik; KOROSTOVTSEVA, N.V., mladshiy nauchnyy sotrudnik

Influence of blood loss on the course of radiation sickness. Akt.vop. perel.krovi no.6:41-57 '58. (MIRA 13:1)

1. Laboratoriya eksperimental'noy patologii Leningradskogo instituta perelivaniya krovi (zav. laboratoriyey - chlen-korrespondent AMN SSSR prof. I.R. Petrov).
(RADIATION SICKNESS) (HEMORRHAGE)

KOROSTOVTSEVA, N.V., kand.med.nauk (Leningard, P-22, Kirovskiy pr., d.57 kv. 34)

Prevention of impairment of cardiac function in artificial hypothermia; a survey. Vest.khir. 80 no.3:134-143 Mr '58. (MIRA 11:4)

1. Iz laboratorii eksperimental'noy patologii (zav. - prof. I.R. Petrov) Leningradskogo instituta perelivaniya krovi.
(HYPOTHERMIA
in general & cardiac surg., prev. of cardiac funct. disord., review (Rus))
(HEART, surg.
hypothermia, prev. of funct. disord., review (Rus))

PETROV, I.R., prof.; KOROSTOVTSEVA, M.V., kand.med.nauk; ASTAKHOVA, T.N., kand.med.nauk; TSINZERLING, A.V., kand.med.nauk

Use of artificial hypothermia for the prevention of sequelae of circulatory disorders consecutive to ligation of the portal vein and renal artery under experimental conditions. Vest. AMN SSSR 14 no.9:47-56 '59. (MIRA 13:1)

1. Laboratoriya eksperimental'noy patologii Leningradskogo instituta perelivaniya krovi i patologoanatomicheskoye otdeleniye Voyenno-morskogo gospitalya. 2. Chlen-korrespondent AMN SSSR (for Petrov).
(HYPOTHERMIA INDUCED)
(PORTAL VEIN physiol.)
(KIDNEYS blood supply)

KOROSTOVTSEVA, N.V.

Restoration of vitally important functions in cooled white rats and conditions for recovery from deep hypothermia. Arkh. pat. 21 no.8:54-60 '59. (MIRA 13:12)
(HYPOTHERMIA)

KOROSTOVTSEVA, N.V.

Functional changes in the medullary substance of adrenals in artificial hypothermia. Fiziol.zhur. 45 no.9:1118-1123 S '59.
(MIRA 13:1)

1. Laboratoriya eksperimental'noy patologii Instituta perelivaniya krovi, Leningrad.
(ADRENAL MEDULLA physiol.)
(HYPOTHERMIA INDUCED eff.)

KOROSTOVTSEVA, N.V.

Research on higher nervous activity in dogs following exclusion of the heart from the blood circulation under hypothermia. Zhur. vys. nerv. deiat. 10 no. 5:721-725 S-O '60. (MIRA 13:12)

1. Laboratoriya eksperimental'noy patologii Leningradskogo instituta perelivaniya krovi.
(HYPOTHERMIA) (HEART) (NERVOUS SYSTEM)

KOROSTOVTSEVA, N.V.

Deep hypoxic-hypercapnic hypothermia and the increase of resistance to it. Fiziol. zhur. 46 no.10:1188-1194 O '60. (MIRA 13:11)

1. Laboratoriya eksperimental'noy patologii Instituta perelivaniya krovi, Leningrad.
(HYPOTHERMIA) (ANOXEMIA)
(CARBON DIOXIDE—PHYSIOLOGICAL EFFECT)

KOROSTOVTSEVA, N.V.; FADEYEVA, V.N. (Leningrad)

Morphological pulmonary changes in deep hypothermia in white rats. Arkh.pat. 23 no.4:32-36 '61. (MIRA 14:6)

1. Iz laboratorii eksperimental'noy patologii (zav. - deystvitel'nyy chlen AMN SSSR prof. I.R. Petrov) Leningradskogo instituta perelivaniya krovi i iz kafedry patologicheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. V.D. TSinzerling [deceased]) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(HYPOTHERMIA) (LUNGS)

PETROV, I.R.; prinimali uchastiye: KULAGIN, V.K.; LEMUS, V.B.; KUDRITSKAYA, T.Ye.; KOROSTOVTSEVA, N.V.; KUDRIN, I.D.; GULYA, G.I.

General adaptation reactions during the action on the body of noxious stimuli. Vest.AMN SSSR 17 no.5:87-93 '62. (MIRA 15:10)
(ADAPTATION (PHYSIOLOGY))

S/239/62/048/010/002/004
I015/I215

AUTHOR: Korostovtseva, N.V.

TITLE: The mechanism of the effect of training for increasing the resistance of rats to deep hypoxic-hypercapnic hypothermia

PERIODICAL: Fiziolo jicheskiy zhurnal SSSR im I.M. Sechenova v. 48, no. 10, 1962, 1209-1217

TEXT: This is the continuation of previous studies. The rats were put in air-tight dishes (1500-1700 ml) in hypoxic and hypercapnic conditions at 5°C till they developed an adynamic state with complete relaxation of the skeletal muscles. This training was repeated 3 times, every other day, for a period established in the first experiment. One day after the last

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KOROSTOVTSEVA, N.V.

Training regime and some indicators of the adaptation capacity of rats to deep hypoxic-hypercapnic hypothermia. Fiziol.zhur. 48 no.12:1466-1470 D '62. (MIRA 16:2)

1. From the Laboratory for Experimental Pathology, Institute of Blood Transfusion, Leningrad.
(HYPOTHERMIA) (ANOXEMIA) (ADAPTATION (BIOLOGY))

KOROSTOVTSEVA, N.V. (Leningrad)

Role of the toxicity of congested portal blood in the mechanism of death in acute portal stasis. Pat. fiziol. eksp. ter. 7 no.5:70-71 S-O'63 (MIRA 17:2)

1. Iz laboratorii eksperimental'noy patologii (nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. I.R.Petrov) Leningradskogo instituta perelivaniya krovi.

VEDENSKIY, A.N.; KOROSTOVTSEVA, N.V., kand.med.nauk (Leningrad, ul. Tekstil'shchikov, d.5, kv.38)

Homo - and autoplasty of the portal vein. Vest. khir. 91 no.7:33-40 Jl '63 (MIRA 16:12)

1. Iz laboratorii konservirovaniya i peresadki tkaney i organov (zav. - prof. N.G.Kartashevskiy), laboratorii eksperimental'noy patologii (nauchnyy rukovoditel' - prof. I.R.Petrov) i khirurgicheskoy kliniki Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo instituta perelivaniya krovi (nauchny rukovoditel' - prof. A.N. Filatov).

KOROSTOVTSEVA, N.V.

Effect of training on resistance to cerebral anemia in rats subjected to hypothermia. Biul. eksp. biol. i med. 56 no.8: 44-45 Ag '63. (MIRA 17:7)

1. Iz laboratorii eksperimental'noy patologii (nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. I.R. Petrov) Leningradskogo instituta perelivaniya krovi. Predstavleno deystvitel'nym chlenom AMN SSSR I.R. Petrovym.

KOROSTOVTSEVA, N.V.

Methods of artificial respiration in experiments on small animals. Fiziol. zhur. 49 no.2: 260-261 F'64 (MIRA 17:3)

1. Laboratoriya eksperimental'noy patologii Instituta perelivaniya krovi, Leningrad.

KOROLYUK, N.V.

Prevention and treatment of sequelae of a prolonged interruption of hepatoportal circulation. Pat. fiziol. i eksp. terap. 9 no.3:25-30 My-Je '65. (MIRA 18:9)

1. Laboratoriya eksperimental'noy patologii (nauchnyy rukovoditel'- deystvitel'nyy chlen AMN SSSR prof. I.R. Petrov) Leningradskogo nauchno-issledovatel'skogo ordena Trudovogo Krasnogo Znameni instituta perelivaniya krovi.

KOROSTOVTSEVA, N.V. (Leningrad)

Effect on the body of blood stasis in the portal vein system in preliminary occlusion of the celiac and superior mesenteric arteries. Pat.fiziol.i eksp.terap. 6 no.2:63-64 Mr-Ap '62. (MIRA 15:8)

1. Iz laboratorii eksperimental'noy patologii (nauchnyy rukovoditel'-deystvitel'nyy chlen AMN SSSR prof. I.R.Petrov) Leningradskogo instituta perelivaniya krovi.
(PORTAL VEIN) (CELIAC ARTERY--LIGATURE)(MESENTERIC ARTERIES--LIGATURE)

BABICHKOV, Abram Mikhaylovich, prof.; YEGORCHENKO, Valentin Filippovich. Prinimali uchastiye: NOVIKOV, A.P., dots.; ABRASHIN, I.I., inzh.; BABICHKOV, V.A., dots.; KOROSTYLEV, A.I., inzh., retsenzent; MOROZOV, M.A., inzh., retsenzent; SOKAKIN, V.V., inzh.red.; BOBROVA, Ye.N., tekhn.red.

[Train traction and the use of specialized electronic computers for traction calculations] Tiaga poezdov i primenenie spetsializirovannykh elektronnykh vychislitel'nykh mashin dlia tiagovykh raschetov. Izd.4., dop. i perer. Moskva, Transzheldorizdat, 1962. 262 p. (MIRA 15:6)

(Electronic calculating machines) (Locomotives)

GORODETSKIY, David Yevseyevich; ZIBENGAR, Lev Avgustovich; KOROSTYLEV, A.Ye., redaktor; OKHRIMENKO, V.A., redaktor; NADEINSKAYA, A.A., tekhnicheskiy redaktor.

[Innovations in the technology and organization of stripping work in coal pits] Novoe v tekhnologii i organizatsii vskryshnykh rabot na ugol'nykh razrezakh. Moskva, Ugletekhizdat, 1955. 79 p. (MLRA 9:4)
(Coal mines and mining)

KOROSTYLEV, A F.

Category : USSR/Magnetism - Ferromagnetism F-4

Abs Jour : Ref Zhur - Fizika, No 1, 1957 No 1415

Author : Zaychikov, N.N., Zheltenkova, R.M., Kondratova, O.T., Korostylev, A.F., Korotkov, Yu.Ye., Mashirin, B.I., Mynkin, Yu.N., Panasyuk, L.B.

Title : Investigation of the Effect of the Chemical Composition on Magnetic Properties of Electrptechnical Iron.

Orig Pub : Tr. Mosk. aviats. in-ta, 1956, vyp. 60, 4-12

Abstract : A statistical study was made of the effect of grain size of the microstructure and of the chemical composition on the value of H_c of Armco iron, using data obtained in regular production shop tests of the melts (chemical and metallographic data). The correlation coefficient between the value of H_c and the percentage carbon content was found to be $r_{0;1} = 0.301$, and the correlation between H_c and the percentage sulphur contents was $r_{0;2} = 0.372$. H_c increases with increasing contents of C or S. The content of Mn, P, Mi, and Cu, does not exert a noticeable effect on H_c provided its value is within the GOST standard limit. A statistical comparison of the data on the size of the grain of the micro-structure of Armco iron and on H_c disclosed a linear relationship between these quantities, and the correlation coefficient was

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S/190/62/004/010/003/010
B144/B186

AUTHORS: Korshak, V. V., Mozgova, K. K., Shkolina, M. A., Korostylev, B. M., Linovetskaya, O. Ya., Zasechkina, A. P.

TITLE: Synthesis of graft copolymers

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 10, 1962, 1469-1473

TEXT: The copolymerization of polyethylene terephthalates (I) ("Lavsan", Hostaphan, Cronar) with monomers and monomer mixtures was studied in an attempt to increase the adhesiveness between (I) and the photographic emulsion layer containing gelatin. After a heat treatment of no more than 10 min at 90 - 120°C, the samples were kept immersed in the monomer or monomer mixture for 7 - 64.5 hrs at 40 - 80°C. 2-methyl-5-vinyl pyridine, vinyl pyrrolidone, and methyl methacrylate (II) were used singly or in mixtures with acrylonitrile, methacrylic acid (III), epoxy resin, styrene, carbinol cement, and gelatin dissolved in acrylic acid (IV). After treatment with solvents such as benzene or water, and desiccation, the adhesiveness was examined by way of the 5-ball system.

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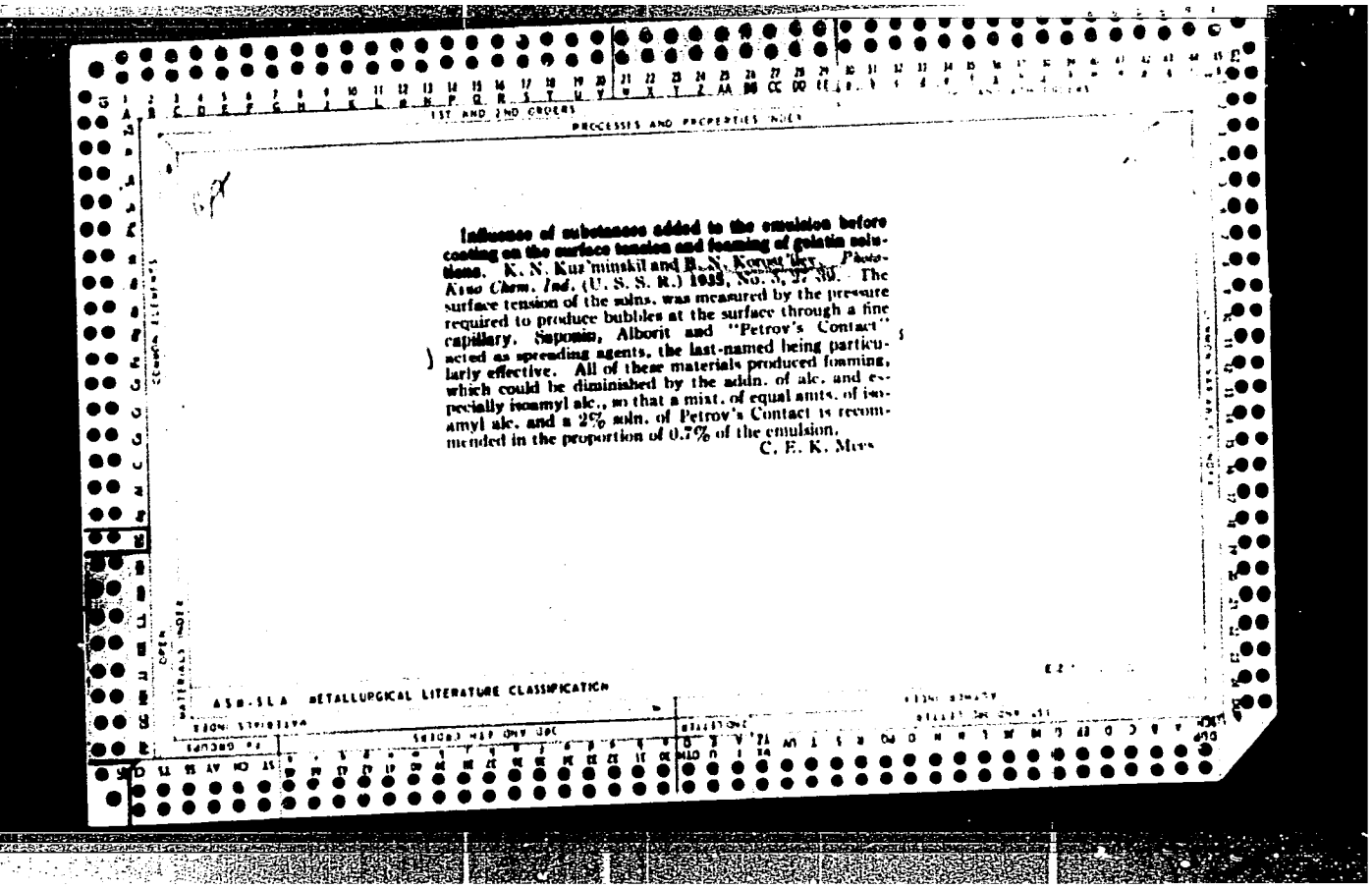

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

Influence of substances added to the emulsion before coating on the surface tension and foaming of gelatin solutions. K. N. Kuz'minskil and B. N. Kovarskaya. *Photo-Khim. Prom.* (U. S. S. R.) 1935, No. 5, 27-30. The surface tension of the solns. was measured by the pressure required to produce bubbles at the surface through a fine capillary. Saponin, Alborit and "Petrov's Contact" acted as spreading agents, the last-named being particularly effective. All of these materials produced foaming, which could be diminished by the addn. of alc. and especially isoamyl alc., so that a mixt. of equal amts. of isoamyl alc. and a 2% soln. of Petrov's Contact is recommended in the proportion of 0.7% of the emulsion.
C. E. K. Mees

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

KOROSTELEV, B. N.

"Effect of the Structural Nonuniformities of Acetylcellulose Films on the Physicomechanical Properties of these Films." Cand Tech Sci, All-Union Sci Res Cine-Photographic Inst -- NIKFI, 25 Feb 54. Dissertation (Vechernyaya Moskva Moscow, 15 Feb 1954)

SO: SUM 186, 19 Aug 1954

Korostylev, B.N.

KOZLOV, P.V.; KOROSTYLEV, B.N.

Investigating the inner inhomogeneity of the microstructure of triacetylcellulose films. Soob.o nauch.rab.chl.VKHO no.3:57-59 '55. (MIRA 10:10)

(Cellulose acetates)